F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	•	DUPAGE	563	436
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

SHEET NO. - 26
30 - SHEETS

• 00-00114-00-PV CONTRACT NO. 63024

OBA
O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
1235 E. DAVIS ST./ARLINGTON HTS., IL 60005
(847)398-1441 • FAX(847) 398-2376

SOIL BORING LOG

PAGE 1 of 1
DATE June 18, 2002
LOGGED BY RH
OBA JOB No. 01252

ROUTE xx
DESCRIPTION 75th Street and Washington Street Intersection Improvements
SECTION xx
LOCATION Naperville, Illinois
COUNTY DuPage
DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. xx
Station xx
BORING NO. RW-3
Station 455+77 Washington Street
Offset 76' Left
Ground Surface Elev. 663.5

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 655.0 ▼
Upon Completion n/a ▽
After xx Hrs. xx ft ▼

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CRUSHED STONE-loose		3		
		2		
		2	NP	7
		3		
SAND with GRAVEL-brown-loose (A-1-a) Fill		2		
	-5	2	NP	6
		4		
		5		
		3	NP	5
▼		3		
		2		
	-10	2	NP	6
		2		
CLAY LOAM-dark brown-loose to medium dense (Fill)		2		
		8	-	19
		1		
		3		
	-15	3	0.5P	26
		16		
LOAM-brown-loose (A-4)		19		
		20	NP	17
Run 1 (-18.0' to -23.0') Silurian System, NIAGARAN Series, Racine Formation Dolomite Light gray with rust staining throughout. Weathered to -20.0'. Horizontal bedding.	-20	ROCK CORE RUN1		

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Weathered horizontal fractures @ -18.3', -18.6', -18.7' & -19.0'. Weathered transverse fracture from -19.3' to -19.7'. Horizontal fractures @ -20.0' & -20.8'. Horizontal fracture zone from -21.5' to -22.0'. RECOVERY = 100 % RQD = 63 %		ROCK CORE RUN1		
Run 2 (-23.0' to -28.0') Silurian System, NIAGARAN Series, Racine Formation Dolomite Light gray with rust staining to -26.5'. Fine grained with horizontal bedding. Horizontal fracture @ -24.1'. Transverse fracture from -24.2' to -24.7'. Horizontal fractures @ -25.5', -26.3', -26.9' & -27.5'. RECOVERY = 100 % RQD = 77 % 635.5	-25	ROCK CORE RUN2		
End of Boring @ -28.0' Hollow Stem Augers to -18.0' NX Bit Rock Coring to Completion	-30			
	-35			
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS=Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

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SOIL BORING LOG

PAGE 1 of 1
DATE July 1, 2002
LOGGED BY RH
OBA JOB No. 01252

ROUTE xx
DESCRIPTION 75th Street and Washington Street Intersection Improvements
SECTION xx
LOCATION Naperville, Illinois
COUNTY DuPage
DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. xx
Station xx
BORING NO. RW-4
Station 457+52 Washington Street
Offset 79' Left
Ground Surface Elev. 654.0

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter Dry ▼
Upon Completion n/a ▽
After xx Hrs. xx ft ▼

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL with GRAVEL-black-Fill		5		
CLAY LOAM-dark brown to black-very stiff (A-4/A-6) Wet		5		
		6	3.0P	30
		7		
SILTY LOAM-brown and gray-medium dense (A-4)		7		
	-5	7	3.0P	16
		20		
FRACTURED ROCK-brown-very dense (A-2-4)		50/2"	NP	11
Run 1 (-6.5' to -11.5') Silurian System, NIAGARAN Series, Racine Formation Dolomite Light gray with light rust staining & weathering throughout. Numerous horizontal fractures throughout. RECOVERY = 100 % RQD = 42 %	-10	ROCK CORE RUN1		
Run 2 (-11.5' to -16.5') Silurian System, NIAGARAN Series, Racine Formation Dolomite Light gray with rust staining & weathered to -15.0'. Weathered horizontal fractures @ -12.2', -12.8', -13.1', -13.3', -13.6', & -14.2'. Horizontal fractures @ -15.0', -15.5' & -15.9'. RECOVERY = 100 % RQD = 71 % 644.4	-15	ROCK CORE RUN2		
End of Boring @ -16.5' Hollow Stem Augers to -6.5' NX Bit Rock Coring to Completion	-20			
	-25			
	-30			
	-35			
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS=Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

TY·LIN INTERNATIONAL

DESIGNED	-
CHECKED	- SP
DRAWN	- TB
CHECKED	- SP

REVISIONS	
NAME	DATE

BORING LOGS - 1

WASHINGTON - 75TH STREET
F.A.U. ROUTE 2552
SECTION 00-00114-00-PV
DUPAGE COUNTY

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